

### REMARKS

In an amendment and response filed on June 6, 2008, Applicants amended the specification including SEQ ID NO: 43 at page 140, line 61 to page 143, line 46. In the amendment and response, Applicants replaced the sequence as a clean version of a new paragraph as required by 37 CFR 1.121 (b)(1). The Examiner indicated, however, that the full text of the replacement paragraph is required with markings to indicate the changes. Thus, Applicants now provide such a marked paragraph. The correction of the sequence is to insert the sequence of pTnMOD, found in the specification as SEQ ID NO: 1 (Appendix A), as nucleotides 1-4045 of the vector; the remainder of the sequence is unchanged. The use of pTnMOD in the vector of SEQ ID NO: 43 is supported by the description of the vector on pages 92-93 (see in particular, page 92, last line) of the specification. It can be seen that the sequence of SEQ ID NO: 43 includes the sequence of pTnMOD (with a Kozak sequence and the first 10 codons of the transposase modified so as to have an A or a T at the third position of the codon) at nucleotides 1780 to 1812, a second stop codon at nucleotides 2992 to 2994, as well as a synthetic polyA as nucleotides 2995-3410. The inclusion of these elements as part of pTnMOD is described in the specification at page 58-59, and in SEQ ID NO: 1 (the sequence for pTnMOD) on pages 103-105 of Appendix A of the specification as originally filed. Also included is a correction of the sequence of the multiple cloning site as derived from pBluescriptII at nucleotides 4048-4049. Accordingly, no new matter is added by the amendment of the specification.

As the previously filed amendment and response was a response to a non-final office action, and the Notice of Non-Compliant Amendment indicated that the Amendments to the claims were non-compliant under 1A and 1C, this response only includes the portion of the previously filed response that was deemed to be non-compliant.

CONCLUSION

In view of the foregoing amendment and remarks, each of the claims remaining in the application is in condition for immediate allowance. The Examiner is respectfully invited to telephone the undersigned at (336) 747-7541 to discuss any questions relating to the application.

Respectfully submitted,

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